Arya Sekhar Bandopadhyay

Software Development Engineer

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in AryaSekharBandopadhyay
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OBJECTIVE

An award-winning Software Development Expert specialized in developing and building highly complex software applications with hands-on expertise in Machine Learning algorithms, Data Science, Business Analytics, and Full Stack engineering to deliver best-in-class technical solutions and drive business growth initiatives. A highly competent team leader capable of functioning efficiently in a fast-paced, deadline driven and dynamic work environment; demonstrates excellence in developing stack architectures and delivering capabilities across marketplace

MAJOR SKILLS

Machine Learning
Advanced

Deep Learning
Intermediate

React JS
Intermediate

Python
Advanced

Javascript
Intermediate

Databases (MySql and MongoDB)
Intermediate

WORK EXPERIENCE

Saleassist.ai , India
Software Development Engineer (Intern)
(March 2021 - June 2021)

- Working as a python developer towards using video commerce using sentiment analysis, live bots and video demonstration of products for increasing leads.
- Working with Rest API's, fast API framework, Flask, Django and using NoSQL databases with AWS.

Gaius Networks, NY
Full Stack Developer (Intern)
(July 2020 - November 2020)

- Assembled production level solutions for the platform which served as a means to connect hyper-local communities together.
- Helped attract 20k active user base for the platform and built highly-reliable and scalable products in full-stack.

RedFox Labs, Vietnam
Data Science and Blockchain
(March 2020 - July 2020)

- Led research in the advanced areas of artificial intelligence, data mining, machine learning, and deep learning and experimented with machine learning algorithms to solve critical business problems and identify risk, fraud or natural language processing.
- Performed scraping of relevant data regarding Blockchain based games and helped them take data driven decisions

Ovonts.com, Kolkata
Full Stack Developer (Intern)
(November 2019 - January 2020)

- Delivered working and well-structured JavaScript code, including API's and modules like a UI framework, document object model, etc.
- Managed individual / team project priorities, deadlines and deliverables in an agile work environment.
- Created the admin side dashboard by feeding in data from back-end api's and created the chat platform by integrating sockets.io and end to end encryption using signal protocol

EDUCATION

SRM Institute of Science and Technology
Bachelors Computer Science and Engineering
(July 2017 - May 2021)
88%

DAV Model School Durgapur
Higher Secondary PCM
(April 2015 - April 2017)
90.4%

St Vincents High and Technical School
Secondary PCMB
(April 2007 - March 2015)
90.3%

MAJOR PROJECTS

Resume Audit
http://resume.dataly.in
(July 2020 - April 2021)

- Has an userbase of 10000

- Collaboration with Dr Jason RC Nurse • Has features like resume audit, JD vs CV, SWOT Analysis

LoadAB
http://test.dataly.in

(May 2020 - April 2021)

- Community based marketplace for Raw Materials
- Patented Project.

Delinquent Profile Detection using OSINT Techniques

(January 2020 - April 2021)

- Final Year Project
- Collaboration with Dr Jason RC Nurse from University of Kent
- Base Paper -> https://www.researchgate.net/publication/344341349_Cyber_Criminal_Detection_Using_Hotspot_Analysis

Video Caption generator

(April 2020 - May 2020)

- Video is broken down into frames and objects are detected in each frame by bounding boxes
- The captions are generated using embedding trained on LSTM Networks

Named Entity Recognition

- A named entity recognition model using gold parser in spacy library

MINOR SKILLS

Tableau and PowerBI

Web Development

Blockchain

Angular JS

Microsoft Excel

Java

C++

Fast API, Flask and Django

Maltego

CERTIFICATIONS

Machine Learning with Python
MyWbut

January 2019

Deep Learning Specialization
Coursera

February 2020

React JS Developement
Udemy and Youtube

July 2020

Advanced Proficiency Certificate in C++ and Data Structure
SRMIST

April 2018

AWARDS

State Level Citation Winner
C19 Bioinformatics Hackathon

July 2020

Best Paper Presentation Award
ICIOT SRM

January 2020

GDC Hackathon Finalist
Google Developers Club, India

July 2020

Received Media Accolades from top media houses for launching Suraksha Covid 19
Zee news

May 2020

LANGUAGES

English
Very Fluent

Bengali
Native Tongue

Hindi
Fluent

German
Basic

REFERENCES

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